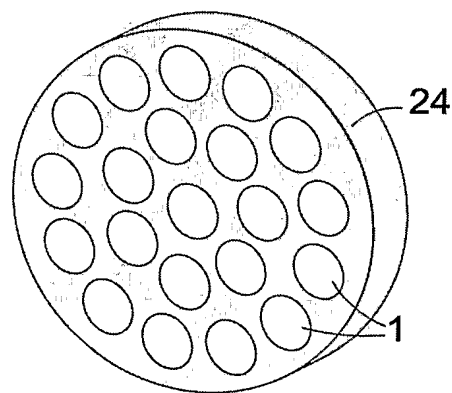
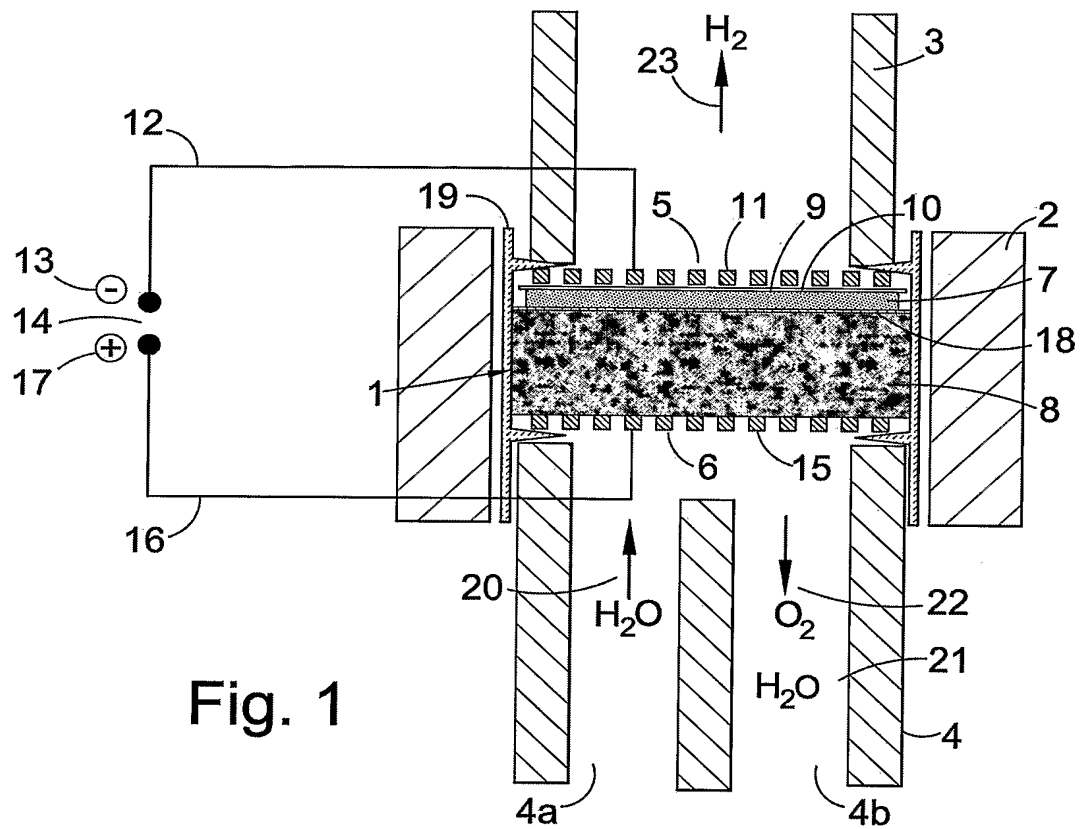
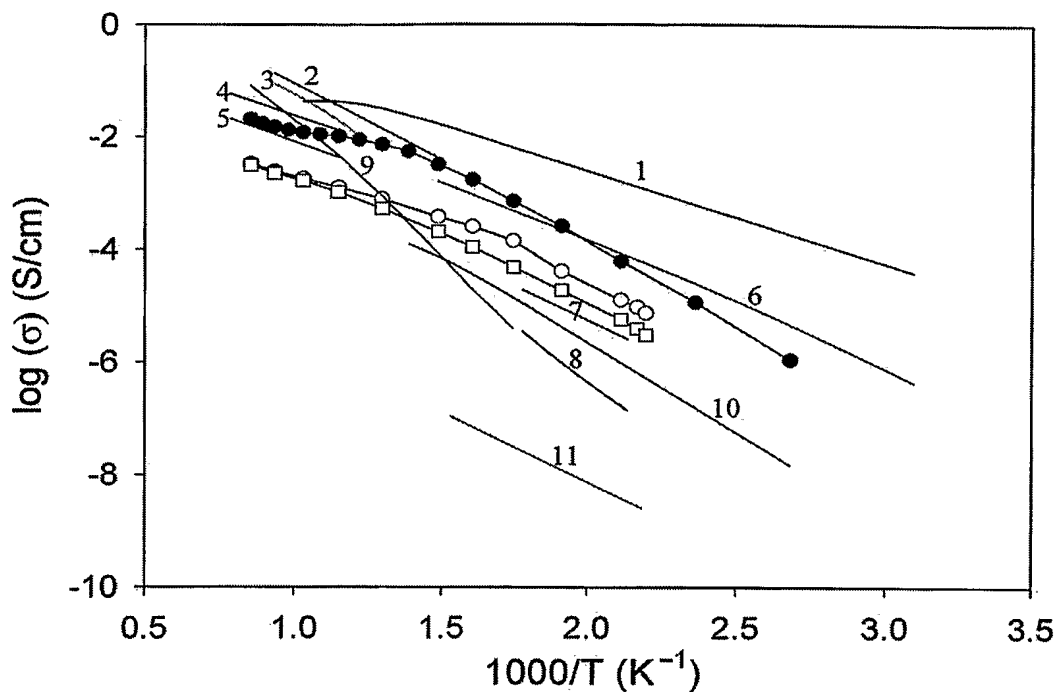


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Key:

- (1) $\text{BaZr}_{0.8}\text{Y}_{0.2}\text{O}_{2.9}$ bulk (deduced) [1];
- (2) $\text{Ce}_{0.8}\text{Gd}_{0.2}\text{O}_{1.9}$ [2]; (3) $\text{a}_{0.9}\text{Sr}_{0.1}\text{Ga}_{0.8}\text{Mg}_{0.2}\text{O}_{2.95}$ [3];
- (4) $\text{BaCe}_{0.9}\text{Y}_{0.1}\text{O}_{2.95}$ [4]; (5) $\text{BaCe}_{0.5}\text{Zr}_{0.4}\text{Y}_{0.1}\text{O}_{2.95}$ [4];
- (6) $\text{BaZr}_{0.8}\text{Y}_{0.2}\text{O}_{2.9}$ total [5]; (7) $\text{BaZr}_{0.9}\text{Y}_{0.1}\text{O}_{2.95}$ bulk [6];
- (8) $\text{BaZr}_{0.9}\text{Y}_{0.1}\text{O}_{2.95}$ total [6]; (9) $\text{Y}_{0.15}\text{Zr}_{0.85}\text{O}_{2.8}$ (YSZ) [2];
- (10) $\text{BaCe}_{0.7}\text{Zr}_{0.2}\text{Nd}_{0.1}\text{O}_{3.8}$ [7]; (11) $\text{BaZr}_{0.8}\text{Y}_{0.2}\text{O}_{2.9}$ film total [8];
- $\text{Ba}_{0.97}\text{Zr}_{0.77}\text{Y}_{0.19}\text{Zn}_{0.04}\text{O}_{3.8}$ bulk in wet 5% H_2 ;
- $\text{Ba}_{0.97}\text{Zr}_{0.77}\text{Y}_{0.19}\text{Zn}_{0.04}\text{O}_{3.8}$ total in wet 5% H_2 ;
- $\text{BaCe}_{0.5}\text{Zr}_{0.3}\text{Y}_{0.16}\text{Zn}_{0.04}\text{O}_{3.8}$ total in wet 5% H_2 .

Fig. 3

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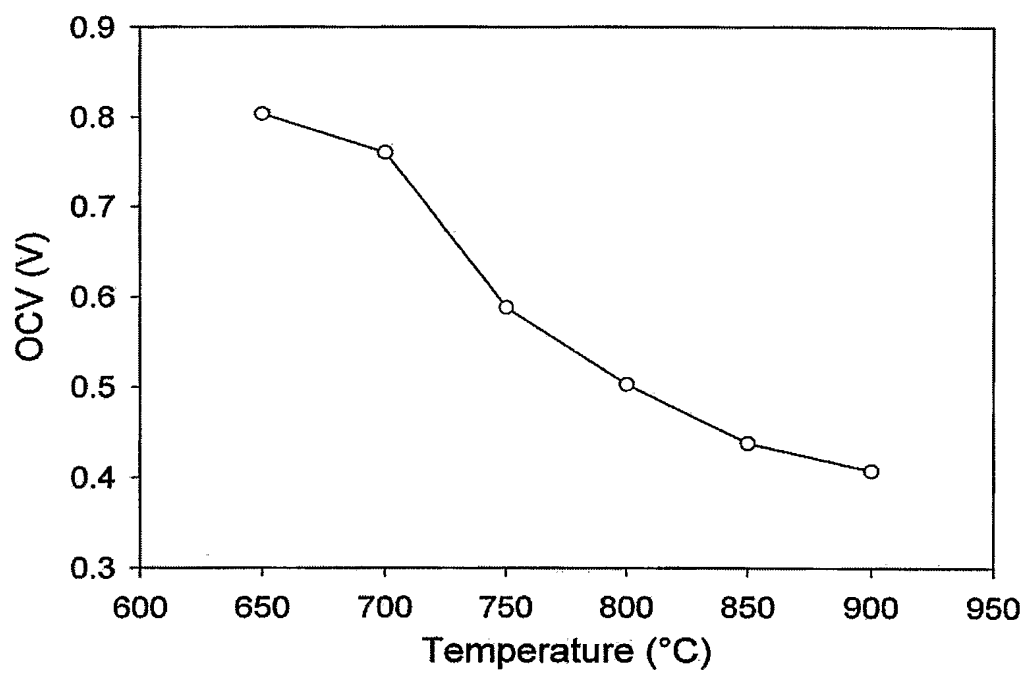


Fig. 4

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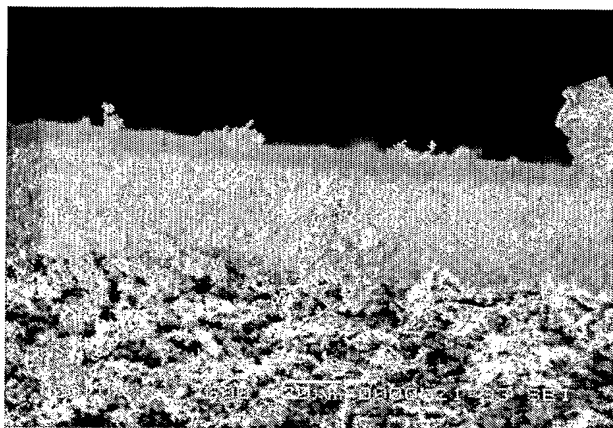


Fig. 5

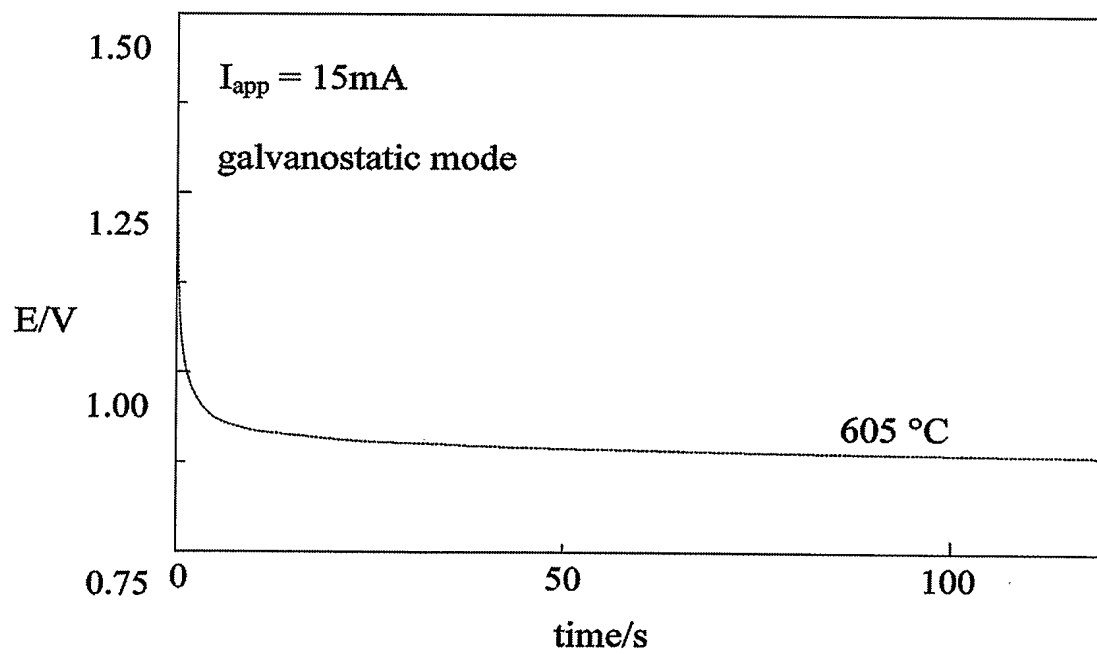


Fig. 6

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